

WHAT IS CLAIMED IS:

1. An air inlet system for a gas cooking apparatus comprising at least one gas burner and a burner box around said gas burner, said air inlet system comprising:

a cooktop configured to cover said burner box and having at least one peripheral vent cut configured to vent outside air into the burner box to provide air for the gas burner; and

a vent trim attached to said cooktop and covering the vent cut, said vent trim having a surface with openings above a top surface of the cooktop, wherein said openings are configured to allow outside air to enter the vent cut through the vent trim.

2. A system in accordance with Claim 1 having a vent cut at a corner of said cooktop.

3. A system in accordance with Claim 2 wherein said vent trim comprises a venting portion and an attachment portion overlapping a portion of the cooktop, wherein said attachment portion is sealed to said cooktop in water-tight engagement.

4. A system in accordance with Claim 3 wherein said seal comprises adhesive tape.

5. A system in accordance with Claim 2 further comprising at least one clip under said vent trim and said cooktop, said clip fixedly attaching said vent trim to said cooktop.

6. A system in accordance with Claim 2 wherein said corner of said cooking top is a rear corner of said cooking top.

7. A system in accordance with Claim 6 wherein said cooktop has a vent cut at more than one rear corner.

8. A system in accordance with Claim 1 wherein said vent trim comprises a venting portion and an attachment portion overlapping a portion of the cooktop, wherein said attachment portion is sealed to said cooktop in water-tight engagement.

9. A system in accordance with Claim 1 further comprising at least one clip under said vent trim and said cooktop, said clip fixedly attaching said vent trim to said cooktop.

10. An air inlet system for a gas cooking apparatus having at least one gas burner and a burner box around said gas burner, said air inlet system comprising:

a cooktop configured to cover said burner box and having at least one peripheral vent cut configured to vent outside air into the burner box to provide air for the gas burner; and

an elongate cover member attached to said cooktop and covering the vent cut, said cover member having a surface with openings configured to allow outside air to enter the vent cut through the cover member, and said cover member including a raised surface isolating said openings from spills on said cooktop.

11. A system in accordance with Claim 10 wherein said cover member extends along an entire side of a top face of said cooktop.

12. A system in accordance with Claim 10 wherein said vent cut is along an edge of said cooktop exclusive of a corner of said cooktop.

13. A system in accordance with Claim 12 wherein said cooktop has a plurality of vent cuts along said edge exclusive of said corner.

14. A system in accordance with Claim 10 wherein said elongate cover member is sealed in water tight engagement along a side of a top face of said cooktop.

15. A system in accordance with Claim 14 wherein said seal is an adhesive seal.

16. A gas cooking apparatus comprising:

at least one gas burner;

a burner box for said at least one gas burner;

a cooktop configured to cover said burner box and having at least one peripheral vent cut configured to vent outside air into the burner box to provide air for the gas burner; and

a vent trim attached to said cooktop and covering the vent cut, said vent trim having a surface with openings above a top surface of the cooktop, wherein said openings are configured to allow outside air to enter the vent cut through the vent trim.

17. An apparatus in accordance with Claim 16 having a vent cut at a corner of said cooktop.

18. An apparatus in accordance with Claim 17 wherein said vent trim comprises a venting portion and an attachment portion overlapping a portion of the cooktop, wherein said attachment portion is sealed to said cooktop in water-tight engagement.

19. An apparatus in accordance with Claim 18 wherein said seal comprises adhesive tape.

20. An apparatus in accordance with Claim 17 further comprising at least one clip under said vent trim and said cooktop, said clip fixedly attaching said vent trim to said cooktop.

21. An apparatus in accordance with Claim 17 having wherein said corner of said cooking top is a rear corner of said cooking top.

22. An apparatus in accordance with Claim 21 having a vent cut at more than one rear corner of said cooktop.

23. An apparatus in accordance with Claim 16 wherein said vent trim comprises a venting portion and an attachment portion overlapping a portion of the cooktop, wherein said attachment portion is sealed to said cooktop in water-tight engagement.

24. An apparatus in accordance with Claim 16 further comprising at least one clip under said vent trim and said cooktop, said clip fixedly attaching said vent trim to said cooktop.

25. A gas cooking apparatus comprising:

at least one gas burner;

a burner box for said at least one gas burner;

a sealed cooktop configured to cover said burner box and having at least one peripheral vent cut configured to vent outside air into the burner box to provide air for the gas burner; and

an elongate cover member attached to said cooktop and covering the vent cut, said cover member having a surface with openings configured to allow outside air to enter the vent cut through the cover member, and said cover member including a raised surface isolating said openings from spills on said cooktop.

26. An apparatus in accordance with Claim 25 wherein said cover member extends along an entire side of a top face of said cooktop.

27. An apparatus in accordance with Claim 25 wherein said vent cut is along an edge of said cooktop exclusive of a corner of said cooktop.

28. An apparatus in accordance with Claim 27 wherein said cooktop has a plurality of vent cuts along said edge exclusive of said corner.

29. An apparatus in accordance with Claim 25 wherein said elongate cover member is attached in water tight engagement along a side of a top face of said cooktop.

30. An apparatus in accordance with Claim 29 wherein said attachment comprises adhesive tape.